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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAR 25 2002

In re Application of
Peter J. McGUINNESS et al.
Serial No. 09/993,970

Filed: November 16, 2001

For: SCALABLE ARCHITECTURE FOR CORRESPONDING
MULTIPLE VIDEO STREAMS AT FRAME RATE

: Atty. Docket: 01-S-020
: Group Art Unit: 2623
: Confirmation No. 9016

INFORMATION DISCLOSURE STATEMENT

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Assistant Commissioner for Patents
Washington, D. C. 20231

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SIR:

The attached Form PTO-1449 provides a listing of information which may be relevant to the subject application. This IDS is not intended as a representation that better art is not available, nor that the information provided is prior art.

This IDS is submitted under:

37 CFR 1.97(b) - No Fee.
 37 CFR 1.97(c) - No Fee, with Certification.
 37 CFR 1.97(c) - Fee.
 37 CFR 1.97(d) - Fee, Certification & Petition.

The Commissioner is authorized to charge any required fees under 37 CFR 1.17(p) and (i) (1) to Deposit Account No. 50-1556.

Respectfully submitted,

Date: 3/11/02

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I hereby certify that this correspondence is being deposited with the United States Postal Service by first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231

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Form PTO-1449	U.S. Dept. of Commerce Patent & Trademark Office	Atty. Docket: 01-S-020	Serial No. 09/993,970
List of Documents <i>Sheet by Applicant</i> (Use several sheets if necessary)		Applicant: Peter J. McGUINNESS et al.	
		Filing Date: November 16, 2001 Group: 2623	

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U.S. PATENT DOCUMENTS

Ex'nt & TRADEMARK In'l	Document Number	Date	Name	Class	Sub-class	Filing Date, if applicable

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Sub-class	Transl'n Yes/No
	AA1	GB 2,272,285	May 11, 1994	UK			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AA2	R. Deriche et al., "Robust Recovery of the Epipolar Geometry for an Uncalibrated Stereo Rig", Proceedings of the European Conference on Computer Vision, pages 567-576, Stockholm, Sweden, May 1994, Springer-Verlag, SNCS 800.
AA3	Z. Zhang et al., "A Robust Technique for Matching Two Uncalibrated Images Through the Recovery of the Unknown Epipolar Geometry", Artificial Intelligence Journal Vol. 78, pages 87-119, October 1995
AA4	T. Kanade, "A Stereo Machine for Video-Rate Dense Depth Mapping and Its new Applications, School of Computer Science, Carnegie Mellon University, IEEE Conf. Computer Vision and Pattern Recognition, 1996.
AA5	P.H.S. Torr et al., "Robust Parameterization and Computation of the Trifocal Tensor", Image and Vision Computing, 1997.
AA6	M. Pollefeys et al., "Self-Calibration and Metric Reconstruction in spite of Varying and Unknown Internal Camera Parameters, IEEE International Conf. Computer Vision, 1998
AA7	K. Ng, "3D Visual Modeling and Virtual View Synthesis: A Synergetic, Range-Space Stereo Approach Using Omni-Directional Images," Ph.D. Dissertation, University of California, San Diego, March 2000
AA8	Kim C. Ng et al., "Range-Space Approach for Generalized Multiple Baseline Stereo and Direct Virtual View Synthesis", IEEE Workshop on Stereo and Multiple-Baseline Vision, December 9-10, 2001
AA9	George Q. Chen, "Robust Point Feature Matching In Projective Space", IEEE Computer Vision and Pattern Recognition 2001.

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Examiner:	Date Considered:
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